

Abstract

A system for obtaining a quality image by the use of at least one biometric capacitive fingerprint sensor having a plurality of capacitive sensor cells arranged underneath a surface of dielectric material (11a) and each including at least one capacitor plate, and a plurality of registers, the system comprises the step of modulating any electromagnetic field generated at each capacitor plate in accordance with worst cleaning conditions of said surface (11a) of dielectric material, thereby obtaining a quality image with a correct contrast between ridge and valley of a detected fingerprint.

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Fig. 10